

Family list**8** family members for:**JP5307440**

Derived from 5 applications.

- 1 Data storage format conversion method and system, data access method and access control apparatus.
Publication Info: **DE69330319D D1** - 2001-07-19
- 2 Data storage format conversion method and system, data access method and access control apparatus.
Publication Info: **DE69330319T T2** - 2002-04-25
- 3 Data storage format conversion method and system, data access method and access control apparatus.
Publication Info: **EP0559142 A2** - 1993-09-08
EP0559142 A3 - 1996-09-04
EP0559142 B1 - 2001-06-13
- 4 DATA STORAGE FORMAT CONVERSION SYSTEM AND ITS CONVERSION METHOD, ACCESS CONTROLLER AND DATA ACCESS METHOD
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JP5307440 A - 1993-11-19
- 5 Data storage format conversion method and system, data access method and access control apparatus
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PATENT ABSTRACTS OF JAPAN

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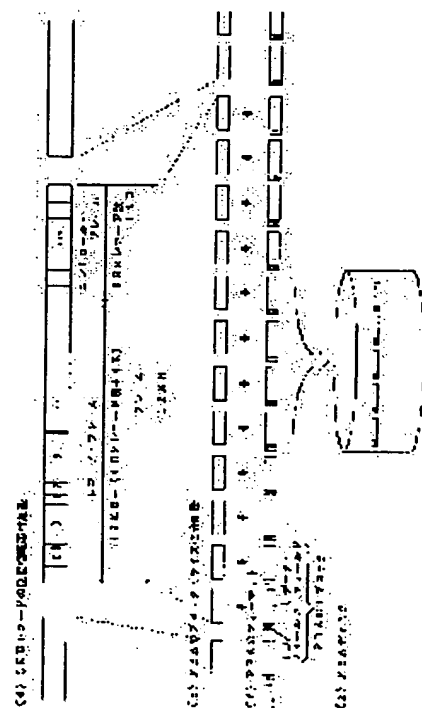
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(54) DATA STORAGE FORMAT CONVERSION SYSTEM AND ITS CONVERSION METHOD, ACCESS CONTROLLER AND DATA ACCESS METHOD

(57)Abstract:

PURPOSE: To provide a record storage format conversion system by which the number of memory access times for detecting a target CKD record is less, a memory load is reduced and memory capacity for holding track data is little at the time of format-converting the CKD record into an FBA record.

CONSTITUTION: All the gaps such as an inter-record gap and an inter-field gap are eliminated from one track in the CKD record. The track data is divided into frames being management units, which are equivalent to integer times as large as the fixed block length size of the FBA record. Control information showing the positions of all the CKD records included in the management unit are written into the last end of the management unit in order from the rear as control frames, and they are divided into the fixed block length size of the FBA record. Then, information showing a relative position from the head of the track at the CKD record format are held in the respective CKD records.



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